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SUEZ, TAQA and Siemens join forces for the future of desalination in emerging countries

SUEZ, a French global leader in circular solutions for water management, Abu Dhabi National Energy Company (TAQA), one of the largest listed integrated utility companies in Europe, the Middle East and Africa and Siemens, a leading German technology company, have signed a Memorandum of Understanding (MoU) to participate in the Mohamed bin Zayed Water Initiative. This global competition aims to develop a breakthrough solution to ensure sustainable and affordable access to water for communities in emerging countries.

The Mohamed bin Zayed Water Initiative is a 5-year global competition set to drive a step change in desalination technologies - reimagining systems, methods, and materials. It will facilitate the widespread use of desalination in a way that promotes greater socio-economic equity and environmental sustainability. Candidates will be required to build several pilot desalination units and an industrial demonstration unit.

Under this MoU, TAQA's power and water generation business is combining with SUEZ and Siemens to form an international team with plans to develop and prove an innovative and cost-effective desalination technology. The project aims to develop a cutting-edge step forward for a sustainable solution that optimises energy consumption while ensuring affordability, allowing more countries to benefit from desalination solutions.

This MoU demonstrates the commitment of these three companies to foster strong international partnerships and collaboration. By combining their respective high-level expertise, the three partners aim to provide concrete answers to water-related challenges in the regions most affected by water scarcity, while contributing to their sustainable development.

SUEZ will provide its R&D expertise. The Group draws on 50 years of experience in seawater desalination, with more than 260 plants built around the world, and has 30 references in the Middle East. In Australia, the Victoria State desalination plant, built and operated by SUEZ, is the largest in the southern hemisphere. In Jordan, SUEZ is part of the Consortium, led by Meridiam, selected as preferred bidder to design, build and operate on a long-term basis one of the world's largest reverse osmosis desalination plants.

José Cheurlin, CEO of SUEZ Middle East said: *"We are delighted to participate in this competition, an important initiative that promotes anticipation and international cooperation to contribute to water security and resilience in emerging countries. SUEZ's participation underlines our commitment to developing more affordable and sustainable water supply technologies. I would like to thank our partners, TAQA Group and Siemens for their trust and wish all the teams involved every success!"*

As one of the major players in the desalination space and the largest producer of desalinated water in the UAE, with a capacity of more than 1,250 million imperial gallons per day (MIGD), TAQA's power and water generation business is one of the most experienced potable water providers operating in one of

SUEZ, Société anonyme, a company incorporated under the laws of France, with a share capital of €63,757,000. Head Office: 16, place de l'Iris (Tour CB21) – 92040 Courbevoie, France – registered under number: 901 644 989 RCS Nanterre Trade and Companies Registry – VAT number: FR60901644989

the world's most water-stressed regions. The company also owns a stake in Taweelah Reverse Osmosis Independent Water Plant, one of the world's largest reverse osmosis plants in operation with a capacity of 200 MIGD.

Farid Al Awlaqi, Chief Executive Officer, Generation at TAQA, said: *"We must address the global water scarcity crisis by collaborating with companies and organisations and fast-tracking innovative solutions to address these issues faced by too many people and communities across the globe. As the largest producer of desalinated water in the UAE, TAQA is committed to producing and delivering potable water that is as energy-efficient as possible by adopting innovative desalination technologies combined with cleaner energy sources. We are delighted to join forces with SUEZ and Siemens, international leaders in the water and energy sectors, to compete for this prize."*

Siemens provides the technologies, the expertise and industry-knowledge to develop the right answers for the transformation of the water industry. Through a broad and proven portfolio of digital technologies, desalination plant operators are able to optimize their operations, streamline their plant design and commissioning, as well as increase performance for both new and existing facilities.

"We are proud to partner with SUEZ and TAQA in the Mohamed bin Zayed Water Initiative. Our portfolio of digitalization and automation water technologies will play a key role in developing scalable, sustainable desalination solutions that drive impact for widespread access to clean water", said **Mohammed Khalifa, CEO of Digital Industries for Siemens in the Middle East**.

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About SUEZ

Faced with growing environmental challenges, SUEZ has been delivering essential services that protect and improve our quality of life for more than 160 years. SUEZ provides its customers with innovative and resilient solutions for water and waste services. With 40,000 employees across 40 countries, the Group works with customers to create value over the full lifecycle of their assets and services, and to drive their low carbon transition. In 2023, SUEZ provided drinking water for 57 million people worldwide and sanitation services for more than 36 million people. The Group generated 7.7 TWh of energy from waste and wastewater. In 2023, SUEZ generated revenues of 8.9 billion euros. For more information: www.suez.com / X @suez / LinkedIn @SUEZ.

General

Find out more about the SUEZ Group
on the [website](#) and on social media



About TAQA

Established in 2005, TAQA is a diversified utilities and energy group headquartered in Abu Dhabi, the capital of the United Arab Emirates, and listed on the Abu Dhabi Securities Exchange (ADX: TAQA). TAQA has significant investments in power and water generation, water treatment and reuse, transmission and distribution assets, as well as upstream and midstream oil and gas operations. The company's assets are in the United Arab Emirates as well as Canada, Ghana, India, Iraq, Morocco, Oman, the Netherlands, Saudi Arabia, the United Kingdom and the United States. For more information, please visit: www.taqa.com and follow us @TAQAGroup on LinkedIn, Twitter, Instagram and YouTube.

About Siemens

***Siemens AG** (Berlin and Munich) is a leading technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, helping them to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of healthcare.*

In fiscal 2023, which ended on September 30, 2023, the Siemens Group generated revenue of €77.8 billion and net income of €8.5 billion. As of September 30, 2023, the company employed around 320,000 people worldwide. Further information is available on the Internet at www.siemens.com